

HUMAN METHIONINE SYNTHASE: CLONING, AND METHODS
FOR EVALUATING RISK OF NEURAL TUBE DEFECTS,
CARDIOVASCULAR DISEASE, AND CANCER

Abstract of Invention

5 The invention features a method for detecting an increased likelihood of
hyperhomocysteinemia and, in turn, an increased or decreased likelihood of neural
tube defects or cardiovascular disease. The invention also features therapeutic
methods for reducing the risk of neural tube defects, colon cancers and related
cancers. Also provided are the sequences of the human methionine synthase gene
10 and protein and compounds and kits for performing the methods of the invention.

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